

Algebra Review:

$$1) \ x: \quad xy + bz = gf$$

$$xy = gf - bz$$

$$x = \left(\frac{1}{y}\right)(gf - bz)$$

$$= \frac{gf - bz}{y}$$

$$= \frac{gf}{y} - \frac{bz}{y}$$

$$2) \ g: \quad xy + bz = gf$$

$$g = \left(\frac{1}{f}\right)(xy + bz)$$

$$3) \quad x: \quad \frac{x}{a+b} \overset{\text{red arrow}}{=} \frac{c}{y}$$

$$x = \frac{c(a+b)}{y}$$

$$= \left(\frac{c}{y}\right)(a+b)$$

$$4) \quad a: \quad \frac{x}{a+b} \overset{\text{red X}}{\neq} \frac{c}{y}$$

$$\frac{xy}{c} = a+b$$

$$\frac{xy}{c} - b = a$$

Lab Safety:

- Tie hair back
- No food/drink
- Wear safety goggles
- Listen to the procedures
- Know where safety equipment is
- No horseplay
- Do not put any lab stuff
in your mouth
- Don't mix anything you're not
supposed to
- Wear lab apron
- Don't work alone → have
instructor present
- Close-toed shoes
- No dangl-y jewelry
- No damaged electrical equipment
- Tell instructor immediately if
spills occur
- Keep aisles clear